

OIPPE

## RAW SEQUENCE LISTING

DATE: 01/03/2002

PATENT APPLICATION: US/09/909,005

TIME: 15:25:07

Input Set : N:\Crf3\RULE60\09909005.raw

Output Set: N:\CRF3\01032002\I909005.raw

ENTERED

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1 <110> APPLICANT: Yue, Henry
2   Au-Young, Janice
3   Patterson, Chandra
4 <120> TITLE OF INVENTION: CELL JUNCTION PDZ PROTEIN
5 <130> FILE REFERENCE: PF-0599 US
6 <140> CURRENT APPLICATION NUMBER: 09/909,005
7 <141> CURRENT FILING DATE: 2001-07-18
8 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/370,102
W--> 9 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-08-06
10 <160> NUMBER OF SEQ ID NOS: 3
11 <170> SOFTWARE: PERL Program
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 233
15 <212> TYPE: PRT
16 <213> ORGANISM: Homo sapiens
W--> 17 <220> FEATURE: -
18 <223> OTHER INFORMATION: 1974337
19 <400> SEQUENCE: 1
20   Met Leu Lys Pro Ser Val Thr Ser Ala Pro Thr Ala Asp Met Ala
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22   Thr Leu Thr Val Val Gln Pro Leu Thr Leu Asp Arg Asp Val Ala
23       20           25           30
24   Arg Ala Ile Glu Leu Leu Glu Lys Leu Gln Glu Ser Gly Glu Val
25       35           40           45
26   Pro Val His Lys Leu Gln Ser Leu Lys Lys Val Leu Gln Ser Glu
27       50           55           60
28   Phe Cys Thr Ala Ile Arg Glu Val Tyr Gln Tyr Met His Glu Thr
29       65           70           75
30   Ile Thr Val Asn Gly Cys Pro Glu Phe Arg Ala Arg Ala Thr Ala
31       80           85           90
32   Lys Ala Thr Val Ala Ala Phe Ala Ala Ser Glu Gly His Ser His
33       95          100          105
34   Pro Arg Val Val Glu Leu Pro Lys Thr Asp Glu Gly Leu Gly Phe
35      110          115          120
36   Asn Val Met Gly Gly Lys Glu Gln Asn Ser Pro Ile Tyr Ile Ser
37      125          130          135
38   Arg Ile Ile Pro Gly Gly Val Ala Glu Arg His Gly Gly Leu Lys
39      140          145          150
40   Arg Gly Asp Gln Leu Leu Ser Val Asn Gly Val Ser Val Glu Gly
41      155          160          165
42   Glu His His Glu Lys Ala Val Glu Leu Leu Lys Ala Ala Lys Asp
43      170          175          180
44   Ser Val Lys Leu Val Val Arg Tyr Thr Pro Lys Val Leu Glu Glu
45      185          190          195
46   Met Glu Ala Arg Phe Glu Lys Leu Arg Thr Ala Arg Arg Arg Gln
47      200          205          210
48   Gln Gln Gln Leu Leu Ile Gln Gln Gln Gln Gln Gln Gln Gln

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49          215          220          225
50      Gln Thr Gln Gln Asn His Met Ser
51          230
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 1396
55 <212> TYPE: DNA
56 <213> ORGANISM: Homo sapiens
W--> 57 <220> FEATURE: -
58 <223> OTHER INFORMATION: 1974337
59 <400> SEQUENCE: 2
60      caccgacccg catgcacaca cgtatattct gaccatttta ttagagtgga aagttgaaag 60
61      gaagcaaccc gccagctaca cccaccacgc gctcctgggg gtggaatagc aaagttctag 120
62      ggcagagccg tcccaccag agcccgggcg tgcagtcgct ctgggatacc tgcctcagctc 180
63      cgcaccgcaa ctgaagatct gccgcgcggg aacagttggc tctccatctg gctaccaacc 240
64      cacccaagct ttcttctcca ccaccaccac ctctcttctt tccccctcct cccccctctt 300
65      tgggtctctc ctctccaccc ccgcccccaa tctctctctt tttttctcac tacgagcggg 360
66      tgetgatgct gaagccgagc gtcacttcgg ctcccacggc agacatggcg acattgacag 420
67      tggtcacgac gtcacccctg gacagagatg ttgcaagagc aattgaatta ctggaaaaac 480
68      tacaggaatc tggagaagta ccagtgacac agctacaatc cctcaaaaaa gtgcttcaga 540
69      gtgagttttg tacagctatt cgagaggtgt atcaatatat gcatgaaacg ataactgtta 600
70      atggctgtcc cgaattccgt gcgagggcaa cagcaaaggc aacagttgca gcttttgag 660
71      ctagtgaagg ccactcccac cctcgagtag ttgaactgcc aaagactgat gaaggccttg 720
72      gttttaatgt gatgggagga aaggagcaaa attcccccat ttatatctct cgcataatc 780
73      ctggaggggt ggtgaaaga caggaggcc tcaaaagagg agaccagctg ctatcagtga 840
74      acggagttag tgtggaagga gaacaccatg agaaagctgt ggaactactc aaggctgcta 900
75      aagacagcgt caagctggtg gtgcgataca ccccaaaagt tctggaagaa atggaggctc 960
76      gctttgaaaa gctacgaaca gccaggcgct gccagcagca gcaattgcta attcagcagc 1020
77      agcaacagca gcagcagcaa caaacacac aaaaccacat gtcataggcc cttgagggaa 1080
78      agctacttga tcaaacatcc gatagtcaca aatttgaaac cgtgcttcag aatcccagca 1140
79      catagtaaaa gacaacactg ataattatac ctgtcaagaa gctgtgaaca catggtgtat 1200
80      aaattcttta ccaaggcaac tcaacacctt ctttctctgg gcttgaaccg ccactgctca 1260
81      cgtgggcttt acatacattg accttcatt cactgcagtg ggaattctca gtgtgcagag 1320
82      ggagagggtt tctagtctgc aaactgaaac agtgtaagaa gaataaagtc tatgactttt 1380
83      aaataaaaaa aaaaaa 1396
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86 <211> LENGTH: 297
87 <212> TYPE: PRT
88 <213> ORGANISM: Caenorhabditis elegans
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90 <223> OTHER INFORMATION: g1685067
91 <400> SEQUENCE: 3
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93      1          5          10
94      Leu Leu Arg Pro Pro Lys Asn Leu Pro Phe Arg Gly Ile Phe Arg
95      20          25          30
96      Lys Asp Gly Glu Val Val Arg Lys Asp Asp Leu Leu Val Asn Gln
97      35          40          45
98      Phe Lys Met Asn Tyr His Pro Gly Leu Asn Val Tyr Tyr Glu Asn
99      50          55          60

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100	Asp Arg Gly Glu Arg Leu Leu Arg Ala His Cys Asp Gly Ile Val	
101		65 70 75
102	Arg Ile Ser Gln Glu Lys Cys Asp Pro Asp Tyr Glu Ile Glu Glu	
103		80 85 90
104	Met Lys Gly Tyr Glu Tyr Arg Lys Asp Val Asp Leu Tyr Lys Met	
105		95 100 105
106	Thr Phe Asn Met Asp Asn Pro Asp Gly Pro Asn Leu Glu Arg Asp	
107		110 115 120
108	Val Gln Arg Ile Leu Glu Leu Met Glu His Val Gln Lys Thr Gly	
109		125 130 135
110	Glu Val Asn Asn Ala Lys Leu Ala Ser Leu Gln Gln Val Leu Gln	
111		140 145 150
112	Ser Glu Phe Phe Gly Ala Val Arg Glu Val Tyr Glu Thr Val Tyr	
113		155 160 165
114	Glu Ser Ile Asp Ala Asp Thr Thr Pro Glu Ile Lys Ala Ala Ala	
115		170 175 180
116	Thr Ala Lys Ala Thr Val Ala Ala Phe Ala Ala Ala Glu Gly His	
117		185 190 195
118	Ala His Pro Arg Ile Val Glu Leu Pro Lys Thr Asp Gln Gly Leu	
119		200 205 210
120	Gly Phe Asn Val Met Gly Gly Lys Glu Gln Asn Ser Pro Ile Tyr	
121		215 220 225
122	Ile Ser Arg Ile Ile Pro Gly Gly Val Ala Asp Arg His Gly Gly	
123		230 235 240
124	Leu Lys Arg Gly Asp Gln Leu Ile Ala Val Asn Gly Asn Val Glu	
125		245 250 255
126	Ala Glu Cys His Glu Lys Ala Val Asp Leu Leu Lys Ser Ala Val	
127		260 265 270
128	Gly Ser Val Lys Leu Val Ile Arg Tyr Met Pro Lys Leu Leu Asp	
129		275 280 285
130	Glu Met Glu Arg Arg Phe Glu Arg Gln Arg Ile Pro	
131		290 295

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/909,005

DATE: 01/03/2002

TIME: 15:25:08

Input Set : N:\Crf3\RULE60\09909005.raw

Output Set: N:\CRF3\01032002\I909005.raw

L:9 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:17 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:57 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:89 M:256 W: Invalid Numeric Header Field, <220> has non-blank data